



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 116150

TO: Sheridan Swope
Location: RemsenE03A70/E03C70
Art Unit: 1652
Wednesday, March 24, 2004

Case Serial Number: 09/966880

From: David Schreiber
Location: Biotech-Chem Library
Remsen E01A61
Phone: 272-2526

david.schreiber@uspto.gov

Search Notes

Searches run against the **Published_Applications_AA** database on any Compugen machine between Feb 18 – Mar 16, 2004 had incomplete results.

The incomplete results were due to problem with the program that moves new applications into the **Published_Applications_AA** database. This problem was detected and corrected on Mar 17, 2004.

We have determined that a search was done for you on case in the **Published_Applications_AA** database between Feb 18 – Mar 16, 2004. This search has been rerun. The new results are attached.

STIC Database tracking #

original search completed

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 18, 2004, 06:01:47 ; Search time 42 Seconds
(without alignments)
1220.789 Million cell updates/sec

Title: US-09-966-880A-8
Perfect score: 1086
Sequence: 1 MDSLNNRRKFLYQFNVRW.....ILLPLVEVDLDRDAFRTGL 198

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1049977 seqs, 258955339 residues

Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database: Published Applications_AA:*

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1: /cgn2_6/ptodata/2/pubppaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/2/pubppaa/PCF_NEW_PUB.pep:*
3: /cgn2_6/ptodata/2/pubppaa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/2/pubppaa/US06_PUBCOMB.pep:*
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6: /cgn2_6/ptodata/2/pubppaa/PCFUS_PUBCOMB.pep:*
7: /cgn2_6/ptodata/2/pubppaa/US08_NEW_PUB.pep:*
8: /cgn2_6/ptodata/2/pubppaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/2/pubppaa/US09A_PUBCOMB.pep:*
10: /cgn2_6/ptodata/2/pubppaa/US09C_PUBCOMB.pep:*
11: /cgn2_6/ptodata/2/pubppaa/US09C_NEW_PUB.pep:*
12: /cgn2_6/ptodata/2/pubppaa/US10A_PUBCOMB.pep:*
13: /cgn2_6/ptodata/2/pubppaa/US10B_PUBCOMB.pep:*
14: /cgn2_6/ptodata/2/pubppaa/US10C_PUBCOMB.pep:*
15: /cgn2_6/ptodata/2/pubppaa/US10C_NEW_PUB.pep:*
16: /cgn2_6/ptodata/2/pubppaa/US60_NEW_PUB.pep:*
17: /cgn2_6/ptodata/2/pubppaa/US60_PUBCOMB.pep:*
18: /cgn2_6/ptodata/2/pubppaa/US60_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1086	100.0	198	US-09-966-880A-8	Sequence 8, Appl1
2	1008	92.8	198	US-09-966-880A-2	Sequence 5, Appl1
3	390	35.9	189	US-10-460-923-5	Sequence 2, Appl1
4	390	35.9	384	US-09-729-674-174	Sequence 174, Appl1
5	390	35.9	384	US-10-460-923-2	Sequence 1539, Appl1
6	369.5	34.0	222	US-09-925-300-1639	Sequence 1539, Appl1
7	369.5	33.5	199	US-10-460-923-7	Sequence 4, Appl1
8	349	32.1	210	US-10-460-923-4	Sequence 7, Appl1
9	300	27.6	152	US-10-247-671-159	Sequence 159, Appl1
10	238.5	22.0	195	US-10-460-923-3	Sequence 3, Appl1
11	230	21.2	219	US-10-460-923-6	Sequence 6, Appl1
12	218.5	20.1	236	US-10-157-031-14	Sequence 14, Appl1
13	216.5	19.9	236	US-10-460-923-8	Sequence 8, Appl1
14	211	19.4	229	US-09-966-880A-36	Sequence 36, Appl1
15	198	18.2	127	US-10-104-047-3729	Sequence 3729, Appl1

16	167	15.4	128	US-10-378-029-77	Sequence 77, Appl1
17	154	14.2	151	US-10-029-386-34155	Sequence 34155, A
18	84	7.7	51	US-09-864-761-38853	Sequence 38853, A
19	81	7.5	440	US-10-120-319-3	Sequence 3, Appl1
20	81	7.5	440	US-10-189-977-3	Sequence 3, Appl1
21	81	7.5	440	US-10-392-098-3	Sequence 3, Appl1
22	80	7.4	476	US-09-733-524-15	Sequence 15, Appl1
23	80	7.4	476	US-10-120-319-5	Sequence 5, Appl1
24	80	7.4	476	US-10-189-977-5	Sequence 5, Appl1
25	80	7.4	476	US-10-392-098-5	Sequence 5, Appl1
26	77.5	7.1	261	US-09-851-873-55	Sequence 35, Appl1
27	77.5	7.1	328	US-10-369-493-6748	Sequence 369, Appl1
28	77.5	7.1	663	US-10-080-960-14	Sequence 14, Appl1
29	77.5	7.1	663	US-10-247-671-135	Sequence 135, Appl1
30	77	7.1	790	US-10-153-668-164	Sequence 164, Appl1
31	76.5	7.0	122	US-10-424-599-182345	Sequence 182345, A
32	76.5	7.0	214	US-10-424-599-182345	Sequence 47947, A
33	76.5	7.0	382	US-10-425-114-47947	Sequence 47947, A
34	75.5	7.0	323	US-09-847-208-25	Sequence 25, Appl1
35	75	6.9	330	US-10-265-593-4	Sequence 4, Appl1
36	75	6.9	354	US-10-087-684-63	Sequence 63, Appl1
37	75	6.9	354	US-10-218-779-63	Sequence 63, Appl1
38	75	6.9	354	US-10-072-012-615	Sequence 615, Appl1
39	75	6.9	401	US-10-072-012-615	Sequence 581, Appl1
40	74	6.8	200	US-09-851-873-65	Sequence 65, Appl1
41	74	6.8	707	US-10-014-099F-61	Sequence 61, Appl1
42	74	6.8	1291	US-10-458-024-122	Sequence 122, Appl1
43	73.5	6.8	257	US-10-425-114-48048	Sequence 42048, A
44	73.5	6.8	427	US-10-425-114-48829	Sequence 48829, A
45	73	6.7	336	US-10-282-1224-68246	Sequence 68246, A

ALIGNMENTS

```
RESULT 1
US-09-966-880A-8
; Sequence 8, Application US/09966880A
; Patent No. US20020164743A1
; GENERAL INFORMATION:
; APPLICANT: Honjo, Tasuku
; TITLE OF INVENTION: NOVEL CYTIDINE DEAMINASE
; FILE REFERENCE: 06501-088001
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: PCT/JP00/01918
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: JP 11-371382
; PRIOR FILING DATE: 1999-12-27
; PRIOR APPLICATION NUMBER: JP 11-178999
; PRIOR FILING DATE: 1999-06-24
; PRIOR APPLICATION NUMBER: JP 11-87192
; PRIOR FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 198
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-966-880A-8
Query Match 100.0%; Score 1086; DB 9; Length 198;
Best Local Similarity 100.0%; Pred. No. 8.1e-114;
Matches 198; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 MDSLNNRRKFLYQFNVRWAKGRRETYLCYVVKRDSATSFSLDFGYLRNNGCHELL 60
DB 1 MDSLNNRRKFLYQFNVRWAKGRRETYLCYVVKRDSATSFSLDFGYLRNNGCHELL 60
QY 61 FLRTYIDMDLDRPCRYVTWFTWSKPCYCAHVVADFLAGNRYLSRITALLYCEDRK 120
DB 61 FLRTYIDMDLDRPCRYVTWFTWSKPCYCAHVVADFLAGNRYLSRITALLYCEDRK 120
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QY 121 AEEBGLRLHRAAGVQIAINTFKDYFCWNTFVENHERTFKAMEGLHENSVRLSQRLRIL 180
 DB 121 AEEBGLRLHRAAGVQIAINTFKDYFCWNTFVENHERTFKAMEGLHENSVRLSQRLRIL 180
 QY 181 LPLYEVDLRLDAFRTLGL 198
 DB 181 LPLYEVDLRLDAFRTLGL 198

RESULT 2

US-09-966-880A-2
 ; Sequence 2, Application US/09966880A
 ; Patent No. US20020164743A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Honjo, Tasuku
 ; APPLICANT: Muramatsu, Masamichi
 ; TITLE OF INVENTION: NOVEL CYTIDINE DEAMINASE
 ; FILE REFERENCE: 06501-088001
 ; CURRENT APPLICATION NUMBER: US/09/966,880A
 ; CURRENT FILING DATE: 2001-09-28
 ; PRIOR APPLICATION NUMBER: PCT/JP00/01918
 ; PRIOR FILING DATE: 2000-03-28
 ; PRIOR APPLICATION NUMBER: JP 11-371382
 ; PRIOR FILING DATE: 1999-12-27
 ; PRIOR APPLICATION NUMBER: JP 11-178999
 ; PRIOR FILING DATE: 1999-06-24
 ; PRIOR APPLICATION NUMBER: JP 11-87192
 ; PRIOR FILING DATE: 1999-03-29
 ; NUMBER OF SEQ ID NOS: 36
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 2
 ; LENGTH: 198
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 ; US-09-966-880A-2

Query Match 92.8%; Score 1008; DB 9; Length 198;
 Best Local Similarity 92.9%; Pred. No. 4,8e-105;
 Matches 183; Conservative 6; Mismatches 8; Indels 0; Gaps 0;

QY 1 MDSLMMRRKFLYQFKNVMAKGRRETYLCYVVKRDSATSPSLDFGIYRNKGCHVELL 60
 DB 1 MDSLMMKQCKFLYHFGVQVMAKGRRETYLCYVVKRDSATSPSLDFGIYRNKGCHVELL 60
 QY 61 FLRYISDMDLDPGRCTRVWFTSMSPCYCARVADFLRGPNLSLRIFTALYFCEDRK 120
 DB 61 FLRYISDMDLDPGRCTRVWFTSMSPCYCARVADFLRGPNLSLRIFTALYFCEDRK 120
 QY 121 AEEBGLRLHRAAGVQIAINTFKDYFCWNTFVENHERTFKAMEGLHENSVRLSQRLRIL 180
 DB 121 AEEBGLRLHRAAGVQIAINTFKDYFCWNTFVENHERTFKAMEGLHENSVRLSQRLRIL 180
 QY 181 LPLYEVDLRLDAFRTLGL 197
 DB 181 LPLYEVDLRLDAFRTLGL 197

RESULT 3

US-10-460-923-5
 ; Sequence 5, Application US/10460923
 ; Publication No. US20040009951A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Malim, Michael H.
 ; APPLICANT: SHEEHY, Ann M.
 ; APPLICANT: HARRIS, Reuben S.
 ; APPLICANT: BISHOP, Kate N.
 ; APPLICANT: NEUBERGER, Michael S.
 ; APPLICANT: GADDIS, Nathan C.
 ; APPLICANT: SIMON, James H.M.
 ; TITLE OF INVENTION: DNA Deamination Mediates Innate Immunity to Retroviral Infection
 ; FILE REFERENCE: 22253-74380
 ; CURRENT APPLICATION NUMBER: US/10/460,923

;; CURRENT FILING DATE: 2003-06-13
 ; PRIOR APPLICATION NUMBER: US 60/368,513
 ; PRIOR FILING DATE: 2002-06-13
 ; PRIOR APPLICATION NUMBER: US 60/472,952
 ; PRIOR FILING DATE: 2003-05-23
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: Patentn version 3.1
 ; SEQ ID NO 5
 ; LENGTH: 189
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-460-923-5

Query Match 35.9%; Score 390; DB 15; Length 189;
 Best Local Similarity 44.9%; Pred. No. 1,5e-35;
 Matches 83; Conservative 31; Mismatches 59; Indels 12; Gaps 3;

QY 6 MNRKFLYQFKNVMAKGRRETYLCYVVKRDSATSPSLDFGIYRNKGCHVELL 55
 DB 2 MDPTFTFNNFNNPFWRGHRETYLCYVVKRDSATSPSLDFGIYRNKGCHVELL 61
 QY 56 HTELLFRLYISDMDLDPGRCTRVWFTSMSPCYCARVADFLRGPNLSLRIFTALYFCEDRK 115
 DB 62 HTELLFRLYISDMDLDPGRCTRVWFTSMSPCYCARVADFLRGPNLSLRIFTALYFCEDRK 120
 QY 116 CEDRKAEPEGLRLHRAAGVQIAINTFKDYFCWNTFVENHERTFKAMEGLHENSVRLSQRLRIL 175
 DB 121 -DDGRCQEGRLRLHRAAGVQIAINTFKDYFCWNTFVENHERTFKAMEGLHENSVRLSQRLRIL 179
 QY 176 LRLIL 180
 DB 180 LRLIL 184

RESULT 4

US-09-729-674-174
 ; Sequence 174, Application US/09729674
 ; Patent No. US20010039335A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Jacobs, Kenneth
 ; APPLICANT: McCoy, John M.
 ; APPLICANT: Lavallee, Edward R.
 ; APPLICANT: Collins-Racie, Lisa A.
 ; APPLICANT: Evans, Cheryl
 ; APPLICANT: Merberg, David
 ; APPLICANT: Treacy, Maurice
 ; APPLICANT: Agostino, Michael J.
 ; APPLICANT: Steininger II, Robert J.
 ; APPLICANT: Spaulding, Vikki
 ; APPLICANT: Wong, Gordon G.
 ; APPLICANT: Clark, Hilary
 ; APPLICANT: Fechtel, Kim
 ; APPLICANT: Genetics Institute, Inc.
 ; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
 ; FILE REFERENCE: 6055-64X
 ; CURRENT APPLICATION NUMBER: US/09/729,674
 ; CURRENT FILING DATE: 2000-12-04
 ; PRIOR APPLICATION NUMBER: 09/539,330
 ; PRIOR FILING DATE: 2000-03-30
 ; NUMBER OF SEQ ID NOS: 283
 ; SOFTWARE: Patentn Ver. 2.0
 ; SEQ ID NO 174
 ; LENGTH: 364
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-729-674-174

Query Match 35.9%; Score 390; DB 9; Length 384;
 Best Local Similarity 44.9%; Pred. No. 3,8e-35;
 Matches 83; Conservative 31; Mismatches 59; Indels 12; Gaps 3;
 QY 6 MNRKFLYQFKNVMAKGRRETYLCYVVKRDSATSPSLDFGIYRNKGCHVELL 55
 DB 2 MDPTFTFNNFNNPFWRGHRETYLCYVVKRDSATSPSLDFGIYRNKGCHVELL 61

Db 197 MDPTFTFNENFWGGRHETTYLCYEVERMNDTWLQNRGFLCNOAPHKHGFLEGR 256
 QY 56 HVEELFLRYISDMDLDPGRCYRVMTWFTSWSPCYDCARHVADEFLNGNPNLSLRIFTARLYF 115
 Db 257 HAEICFLDVIPEFWLDDDDQDVRVTCFTSMSPCFSCAQEMAKFISKHGVSLCIFTARIY- 315
 QY 116 CEDKAPBEGRLRHRAGVOAIAIMTFKDYFCYCNTPFVNNHRTFKAMEGLHENSVRLSRQ 175
 Db 316 -DDGRCQCEGLRTLAAGAKISIMTYSBPKHCWDTFVDHOGCCPQPDGDLDEHSQDLSGR 374
 QY 176 LRRIL 180
 Db 375 LRRIL 379

RESULT 5
 US-10-460-923-2
 ; Sequence 2, Application US/10460923
 ; Publication No. US20040009951A1
 ; GENERAL INFORMATION:
 ; APPLICANT: MALIM, Michael H.
 ; APPLICANT: SHEEHY, Ann M.
 ; APPLICANT: HARRIS, Reuben S.
 ; APPLICANT: BISHOP, Kate N.
 ; APPLICANT: NEUBERGER, Michael S.
 ; APPLICANT: GADDIS, Nathan C.
 ; APPLICANT: SIMON, James H.M.
 ; TITLE OF INVENTION: DNA Deamination Mediates Innate Immunity to Retroviral Infection
 ; FILE REFERENCE: 22253-74380
 ; CURRENT APPLICATION NUMBER: US/10/460, 923
 ; PRIOR FILING DATE: 2003-06-13
 ; PRIOR APPLICATION NUMBER: US 60/388,513
 ; PRIOR FILING DATE: 2002-06-13
 ; PRIOR APPLICATION NUMBER: US 60/472,952
 ; PRIOR FILING DATE: 2003-05-23
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 2
 ; LENGTH: 384
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-460-923-2

Query Match 35.9%; Score 390; DB 15; Length 384;
 Best Local Similarity 44.9%; Pred. No. 3.8e-35;
 Matches 83; Conservative 31; Mismatches 59; Indels 12; Gaps 3;
 QY 6 MARKKFLYQFNVMWAKGRRETYLCYVVKRDSATSFSLD--FGYLNNK-----NGC 55
 Db 197 MDPTFTFNENFWGGRHETTYLCYEVERMNDTWLQNRGFLCNOAPHKHGFLEGR 256
 QY 56 HVEELFLRYISDMDLDPGRCYRVMTWFTSWSPCYDCARHVADEFLNGNPNLSLRIFTARLYF 115
 Db 257 HAEICFLDVIPEFWLDDDDQDVRVTCFTSMSPCFSCAQEMAKFISKHGVSLCIFTARIY- 315
 QY 116 CEDKAPBEGRLRHRAGVOAIAIMTFKDYFCYCNTPFVNNHRTFKAMEGLHENSVRLSRQ 175
 Db 316 -DDGRCQCEGLRTLAAGAKISIMTYSBPKHCWDTFVDHOGCCPQPDGDLDEHSQDLSGR 374
 QY 176 LRRIL 180
 Db 375 LRRIL 379

Query Match 34.0%; Score 369.5; DB 9; Length 222;
 Best Local Similarity 44.9%; Pred. No. 3.8e-33;
 Matches 79; Conservative 24; Mismatches 64; Indels 9; Gaps 4;
 QY 11 FLYQFNVMWAKGRRETYLCYVVK--RRDSATSFELDGYLRN---KNGCHVELLFLRY 64
 Db 49 FYQGRNLMENDRNETWLCFTVEGIRKRSVSMKT--GVFRNQVDSETHCHAEKCFLSM 106
 QY 65 ISDWDLDPGRCYRVMTWFTSWSPCYDCARHVADEFLNGNPNLSLRIFTARLYFCEDRKAEP 124
 Db 107 FCDLISPTKTYQVMTYSWSPCPDCAGEVAEFLRHSNNVLLIFTARLYYFQ-YPQYOE 165
 QY 125 GRLRLHRAGVOAIAIMTFKDYFCYCNTPFVNNHRTFKAMEGLHENSVRLSRQLRIL 180
 Db 166 GRLRSQESGVAEIMDYEDPKYCWENFYNDNEPKWGLKTNRLRLRRESL 221

RESULT 7
 US-10-460-923-7
 ; Sequence 7, Application US/10460923
 ; Publication No. US20040009951A1
 ; GENERAL INFORMATION:
 ; APPLICANT: MALIM, Michael H.
 ; APPLICANT: SHEEHY, Ann M.
 ; APPLICANT: HARRIS, Reuben S.
 ; APPLICANT: BISHOP, Kate N.
 ; APPLICANT: NEUBERGER, Michael S.
 ; APPLICANT: GADDIS, Nathan C.
 ; APPLICANT: SIMON, James H.M.
 ; TITLE OF INVENTION: DNA Deamination Mediates Innate Immunity to Retroviral Infection
 ; FILE REFERENCE: 22253-74380
 ; CURRENT APPLICATION NUMBER: US/10/460, 923
 ; PRIOR FILING DATE: 2003-06-13
 ; PRIOR APPLICATION NUMBER: US 60/388,513
 ; PRIOR FILING DATE: 2002-06-13
 ; PRIOR APPLICATION NUMBER: US 60/472,952
 ; PRIOR FILING DATE: 2003-05-23
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 7
 ; LENGTH: 199
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-460-923-7

Query Match 33.5%; Score 363.5; DB 15; Length 199;
 Best Local Similarity 43.5%; Pred. No. 1.6e-32;
 Matches 83; Conservative 28; Mismatches 57; Indels 23; Gaps 7;
 QY 5 LMRKRFYQFNVMWAKGRRETYLCYVVKRDSATSFSLD--FGYLNN--KN-----G 54
 Db 12 LMDPHIFTSNFN--GIGRHKTYLCYEVERLNDGTSVKMOHRGFLHNQAKNLLCGFYG 68
 QY 55 HVEELFLRYISDMDLDPGRCYRVMTWFTSWSPCYD--CARHVADEFLNGNPNLSLRIFTAR 112
 Db 69 RHAELRFLDVPESLDDPAQIATRVMTWFTSWSPCFSCGAGEVRALQENTHRLRIFAAR 128
 QY 113 LYFCEDRKAEP--EGLRLHRAGVOAIAIMTFKDYFCYCNTPFVNNHRTFKAMEGLHENS 169

Db 129 IV-----DYDPLYKEALQMLRDAGQVSIPTYDEFKHCWDTFVDHQGCPFPWMDGLDBHS 183
Qy 170 VRLSROLRIL 180
Db 184 QALSGRLRAIL 194

RESULT 8

US-10-460-923-4
Sequence 4, Application US/10460923
Publication No. US20040009951A1
GENERAL INFORMATION:
APPLICANT: MALIN, Michael H.
APPLICANT: SHEEHY, Ann W.
APPLICANT: HARRIS, Reuben S.
APPLICANT: BISHOP, Kate N.
APPLICANT: NEUBERGER, Michael S.
APPLICANT: GADDIS, Nathan C.
APPLICANT: SIMON, James H.M.
TITLE OF INVENTION: DNA Deamination Mediates Innate Immunity to Retroviral Infection
FILE REFERENCE: 22253-74380
CURRENT APPLICATION NUMBER: US/10/460,923
CURRENT FILING DATE: 2003-06-13
PRIOR APPLICATION NUMBER: US 60/388,513
PRIOR FILING DATE: 2002-06-13
PRIOR APPLICATION NUMBER: US 60/472,952
PRIOR FILING DATE: 2003-05-23
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 210
TYPE: PRT
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: mouse orthologue
US-10-460-923-4

Query Match 32.1%; Score 349; DB 15; Length 210;
Best Local Similarity 38.8%; Pred. No. 7, 2e-31;
Matches 71; Conservative 36; Mismatches 72; Indels 4; Gaps 2;

Qy 5 LNNRRKFLYQPKNVNMAKGRRETYLCYVVKRSDATSFSLDFGYLRNKGCHVELLFLRY 64
Db 20 LLSQEFKFKFKRLRYAIRKDTFLCYEVTNRKDCSPVSLHGVFKKNKINHAICFLYW 79
Qy 65 ISD---WDIDPGRCYVWTFTSMSPCYDCARHVADELKGNPULSRIFARLYFCEDEKA 121
Db 80 FHKVLKLVSPREEFKLTWMSPCFECABEOLRLATHNLSLDIFSSRLYNIRDPEN 139
Qy 122 EPEGLRRLHRAQVOIAIMTFKDYFYCMNTFVENHRTFKAMEGLHNSVRLSROLRIL 181
Db 140 Q-QNLCRLVQSGAQAAMLYEKKCKMKKEVDNNGRRFPWKLLTLNFRYQSKLQELLR 198
Qy 182 PLV 184
Db 199 PCY 201

RESULT 9

US-10-247-671-159
Sequence 159, Application US/10247671
Publication No. US20030194721A1
GENERAL INFORMATION:
APPLICANT: Mikita, Thomas
APPLICANT: Shiffman, Dov
APPLICANT: Porter, Gordon, J.
APPLICANT: Kaser, Matthew R.
TITLE OF INVENTION: GENES EXPRESSED IN TREATED FOAM CELLS
FILE REFERENCE: PA-0050 US
CURRENT APPLICATION NUMBER: US/10/247,671
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: 60/323,784
PRIOR FILING DATE: 2001-09-19

NUMBER OF SEQ ID NOS: 186
SOFTWARE: PERL Program
SEQ ID NO 159
LENGTH: 152
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: incyte ID No. US20030194721A1 135626CD1
US-10-247-671-159

Query Match 27.6%; Score 300; DB 14; Length 152;
Best Local Similarity 44.9%; Pred. No. 1, 6e-25;
Matches 66; Conservative 20; Mismatches 43; Indels 18; Gaps 5;

Qy 47 GYLRN--KN-----GCHVELLFLRYISDWDLPGRCYRTWFTSMSPCYD--CARHVA 96
Db 6 GFLNNQAKNLLCGFYGHNAELRLFLDLVPSLQDPAQIYRTWFTSMSPCYD--CARHVA 65
Qy 97 FLRNPULSRIFARLYFCEDEKAEF--EGRLRLHRAQVOIAIMTFKDYFYCMNTFVE 153
Db 66 FLOENTHVRRLRIFAARLY-----DYDPLYKEALQMLRDAGQVSIPTYDEFKHCWDTFVY 120
Qy 154 NHERTFKAMEGLHNSVRLSROLRIL 180
Db 121 RQGCPPQPWDGLBHSQALSGRLRAIL 147

RESULT 10

US-10-460-923-3
Sequence 3, Application US/10460923
Publication No. US20040009951A1
GENERAL INFORMATION:
APPLICANT: MALIN, Michael H.
APPLICANT: SHEEHY, Ann W.
APPLICANT: HARRIS, Reuben S.
APPLICANT: BISHOP, Kate N.
APPLICANT: NEUBERGER, Michael S.
APPLICANT: GADDIS, Nathan C.
APPLICANT: SIMON, James H.M.
TITLE OF INVENTION: DNA Deamination Mediates Innate Immunity to Retroviral Infection
FILE REFERENCE: 22253-74380
CURRENT APPLICATION NUMBER: US/10/460,923
CURRENT FILING DATE: 2003-06-13
PRIOR APPLICATION NUMBER: US 60/388,513
PRIOR FILING DATE: 2002-06-13
PRIOR APPLICATION NUMBER: US 60/472,952
PRIOR FILING DATE: 2003-05-23
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 195
TYPE: PRT
ORGANISM: Homo sapiens
US-10-460-923-3

Query Match 22.0%; Score 238.5; DB 15; Length 195;
Best Local Similarity 34.2%; Pred. No. 1, 8e-18;
Matches 63; Conservative 26; Mismatches 84; Indels 11; Gaps 6;

Qy 6 MNRKFLYQPKNVNMAKGRRETYLCYVVKRSDATSFSLDF---GYLRNKGCHVELLFL 61
Db 12 MYRDTFYSYNNPILSRRTVWLCEVKKKGSRP-PLDAKIFRQVYSELKYHEMR 70
Qy 62 LRYISDW-DDIDPGRCYVWTFTSMSPCYDCARHVADELKGNPULSRIFARLYFCEDEK 120
Db 71 FHWFSKRRKLRHROGEYVTVTSMSPCTKTRMAMFLMEDPVTLLIFARLYYWD 130
Qy 121 AEPGLRRL--HRAQ--VOIAIMTFKDYFYCMNTFVENHRTFKAMEGLHNSVRLSROL 176
Db 131 YQ-EALSLQCKEDGRATKIMNYDEFQWCKSFYSGRELFEPWNNLPKYILLHIML 189
Qy 177 RRL 180

Db 190 GBIL 193

RESULT 11

US-10-460-923-6
Sequence 6, Application US/10460923
Publication No. US2004009951A1
GENERAL INFORMATION:
APPLICANT: MALIM, Michael H.
APPLICANT: SHEEHY, Ann M.
APPLICANT: HARRIS, Reuben S.
APPLICANT: BISHOP, Kate N.
APPLICANT: NEUBERGER, Michael S.
APPLICANT: GADDIS, Nathan C.
APPLICANT: SIMON, James H.M.
TITLE OF INVENTION: DNA Deamination Mediates Innate Immunity to Retroviral Infection
FILE REFERENCE: 22253-74380
CURRENT APPLICATION NUMBER: US/10/460,923
CURRENT FILING DATE: 2003-06-13
PRIOR APPLICATION NUMBER: US 60/388,513
PRIOR FILING DATE: 2002-06-13
PRIOR APPLICATION NUMBER: US 60/472,952
PRIOR FILING DATE: 2003-05-23
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 219
TYPE: PRT
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: mouse orthologue
US-10-460-923-6

Query Match 21.2%; Score 230; DB 15; Length 219;

Best Local Similarity 33.5%; Pred. No. 1.9e-11;
Matches 67; Conservative 35; Mismatches 82; Indels 16; Gaps 8;

QY 5 LMRKRFYCPKATV-----WAKGRREYLCYVRRDSATSFSLDPGLNKGK-CHVE 58
DB 25 LLSSEFSPQYNGRVKLCYHGMK-PYLCTGLEQNGCAPLK---GCLLSEKGNHAE 80
QY 59 LLEFRYSWDLDGRCRYVTWFTSMSPCYDCANHVADFLGPNLSLRITFATLYCED 118
DB 81 ILFLDKTRSMELSQ---VITFCYLTWSPCCNCAWQLAFKDRDRLIHTYSTRLYPHWK 137
QY 119 RKAPDEGLRRLHRAVGOIAIMTFKDYFCVNTFVENHERPTKAVEGLHENSVRSLROLR 178
DB 138 RPFQ-KGLCSLMQSGILVDVLDLPQFTDCWTNFV-NKRPFPWPKGLIISRTQRRLHR 195
QY 179 ILPLLYEVDLRLDAFRTGL 198
DB 196 I-KESWGLQDLVNDFGNQL 214

RESULT 12

US-10-157-031-14
Sequence 14, Application US/10157031
Publication No. US20030108890A1
GENERAL INFORMATION:
APPLICANT: Baranova, A. V.
APPLICANT: Yankovsky, N. K.
APPLICANT: KOZLOV, A. P.
APPLICANT: LOBASHEV, A. V.
APPLICANT: KRUKOVSKAYA, L. L.
TITLE OF INVENTION: In silico screening for phenotype-associated expressed sequences
FILE REFERENCE: 2760-103
CURRENT APPLICATION NUMBER: US/10/157,031
CURRENT FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 415
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14
LENGTH: 236

; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-157-031-14Query Match 20.1%; Score 218.5; DB 14; Length 236;
Best Local Similarity 34.9%; Pred. No. 4e-16;
Matches 44; Conservative 31; Mismatches 42; Indels 9; Gaps 4;

QY 35 RSDSATSFSLDFGYLR-----NRKGC-HVELLFL-RYISDWDLDPGRCRYVTWFTSMSP 86
DB 33 RKEACLLYIKWMSRKIRSSGKNTTNHVEVNFITKKTSEDFHPSMSCSTLWFLSWSP 92
QY 87 CYDCARHVADFLRGPNPNSLRITFATLYFCEDRKAPGLRLHRAVGOIAIMTFKDYFY 146
DB 93 CWECGQAIREFLSRHPGVTLYIVARLFWMHDOQ-NRQGLRDLVNSGVITIQIRASEYVH 151

QY 147 CWNTFV 152
DB 152 CWNTFV 157

RESULT 13

US-10-460-923-8
Sequence 8, Application US/10460923
Publication No. US2004009951A1
GENERAL INFORMATION:
APPLICANT: MALIM, Michael H.
APPLICANT: SHEEHY, Ann M.
APPLICANT: HARRIS, Reuben S.
APPLICANT: BISHOP, Kate N.
APPLICANT: NEUBERGER, Michael S.
APPLICANT: GADDIS, Nathan C.
APPLICANT: SIMON, James H.M.
TITLE OF INVENTION: DNA Deamination Mediates Innate Immunity to Retroviral Infection
FILE REFERENCE: 22253-74380
CURRENT APPLICATION NUMBER: US/10/460,923
CURRENT FILING DATE: 2003-06-13
PRIOR APPLICATION NUMBER: US 60/388,513
PRIOR FILING DATE: 2002-06-13
PRIOR APPLICATION NUMBER: US 60/472,952
PRIOR FILING DATE: 2003-05-23
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
LENGTH: 236
TYPE: PRT
ORGANISM: Homo sapiens
US-10-460-923-8

Query Match 19.9%; Score 216.5; DB 15; Length 236;
Best Local Similarity 34.9%; Pred. No. 6.8e-16;
Matches 44; Conservative 31; Mismatches 42; Indels 9; Gaps 4;

QY 35 RSDSATSFSLDFGYLR-----NRKGC-HVELLFL-RYISDWDLDPGRCRYVTWFTSMSP 86
DB 33 RKEACLLYIKWMSRKIRSSGKNTTNHVEVNFITKKTSEDFHPSMSCSTLWFLSWSP 92
QY 87 CYDCARHVADFLRGPNPNSLRITFATLYFCEDRKAPGLRLHRAVGOIAIMTFKDYFY 146
DB 93 CWECGQAIREFLSRHPGVTLYIVARLFWMHDOQ-NRQGLRDLVNSGVITIQIRASEYVH 151
QY 147 CWNTFV 152
DB 152 CWNTFV 157

RESULT 14

US-09-966-880A-36
Sequence 36, Application US/09966880A
Patent No. US20020164743A1
GENERAL INFORMATION:
APPLICANT: Honjo, Tasuku
APPLICANT: Muramatsu, Masamichi

TITLE OF INVENTION: NOVEL CYTIDINE DEAMINASE
FILE REFERENCE: 06501-088001
CURRENT APPLICATION NUMBER: US/09/966, 880A
CURRENT FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: PCT/JP00/01918
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: JP 11-371382
PRIOR FILING DATE: 1999-12-27
PRIOR APPLICATION NUMBER: JP 11-178999
PRIOR FILING DATE: 1999-06-24
PRIOR APPLICATION NUMBER: JP 11-871192
PRIOR FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 36
LENGTH: 229
TYPE: PRT
ORGANISM: Mus musculus
US-09-966-880A-36

Query Match 19.4%; Score 211; DB 9; Length 229;
Best Local Similarity 37.1%; Pred. No. 2.7e-15;
Matches 49; Conservative 24; Mismatches 49; Indels 10; Gaps 4;

QY 24 RRETYLCYVK--RRDSATSFSLDFGLRNKNGCHVELFL-RYISDMDDPGRCYRTW 80
DB 33 RKETCLLYENWGRSV-----WRHTSQNTSNHNEVNFLEKFTERFRPNTKCSITW 86
QY 81 FTSMSPCYCDARHVADFLRGNPMLSLRIFTARLYFCEDRKAEPEGRLRHRAQOIAINT 140
DB 87 FLMSPCGCSRAITEFLSHRPVTLFIYARLYHHTDOR-NRQGLRDLISSGVTIQIMT 145
QY 141 FKDYFCWNTFV 152
DB 146 EQEYCYCWRNFV 157

RESULT 15
US-10-104-047-3729
Sequence 3729, Application US/10104047
Publication No. US20030236392A1
GENERAL INFORMATION:
APPLICANT: HELIX RESEARCH INSTITUTE
TITLE OF INVENTION: No. US20030236392A1e1 full length cDNA
FILE REFERENCE: H1-A0105
CURRENT APPLICATION NUMBER: US/10/104,047
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE:
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3729
LENGTH: 127
TYPE: PRT
ORGANISM: Homo sapiens
US-10-104-047-3729

Query Match 18.2%; Score 198; DB 15; Length 127;
Best Local Similarity 36.8%; Pred. No. 3.7e-14;
Matches 46; Conservative 19; Mismatches 54; Indels 6; Gaps 4;

QY 61 FLRYISDW-DLDPGRCYRTWFTSPCYDCARHVADFLRGNPMLSLRIFTARLYFCEDR 119
DB 3 FFWFESKMKRLHRDDQYEVWYISWSPCYCTRDWATFLAEDPKVLTTFVARLYFWDP 62
QY 120 KAPEGLRL--HRAG--VOAINTFKDYFYCMTFVENHERTFKAMEGLHENSRLSRQ 175
DB 63 DYQ-EALRSLCGRQDPRATWKMIMYDEFGHCKSVKVSQRELPEPMNNLPKYILLHIM 121
QY 176 LRRL 180
DB 122 LGRL 126

Search completed: March 18, 2004, 06:09:26
Job time : 57 secs

Searches run against the **Published_Applications_AA** database on any Compugen machine between Feb 18 – Mar 16, 2004 had incomplete results.

The incomplete results were due to problem with the program that moves new applications into the **Published_Applications_AA** database. This problem was detected and corrected on Mar 17, 2004.

We have determined that a search was done for you on case 09-966880 in the **Published_Applications_AA** database between Feb 18 – Mar 16, 2004. This search has been rerun. The new results are attached.

STIC Database tracking #	116350	original search completed	3-15-04
	116376		3-10-04